

### REMARKS

Claims 14 - 15 are now pending in this application. The Examiner is respectfully requested to reconsider and withdraw the rejection in view of the amendments and remarks.

### REJECTION TO CLAIMS 11-12

Claims 11-12 have been rejected under 35 U.S.C. § 112, first paragraph as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor, at the time the application was filed, had possession of the claimed invention, by introducing new matter in the claim language when referring to the insulating layer of the invention.

These rejections are respectfully traversed. Claims 11-12 have been canceled. Applicant requests that the rejections be reconsidered and withdrawn.

### NEW CLAIMS 14 - 15

New claims 14 - 15 have been added. The invention as claimed is a fish hook or lure having a metal body which is exposed for contact with water. A winding is formed around the body. The winding is also of a metal exposed for contact with water and is insulated from the metal body by an insulating layer between the body and winding. The body and winding are of dissimilar metals so that upon immersion in water the resulting electrolytic action between the two dissimilar metals results in the generation of an electromagnetic field to attract fish.

### CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed or accommodated. Applicant therefor respectfully requests that the Examiner reconsiders and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding office action. The Applicant who is a US citizen but resident overseas will telephone the Examiner so that any issues still requiring response can be dealt with.

Respectfully submitted



Signed Glenn W. Palmway-Riley

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**TITLE OF INVENTION          Fishing h ooks and lures**

G.W. Palmway-Riley citizen of the United States of America  
64 Spurwood Rd  
PMB 24  
COW BAY, Australia 4873

**CROSS-REFERENCE TO RELATED APPLICATIONS**

Provisional application; Australia No. PQ5745 filed 22 February 2000

**STATEMENT REGARDING FEDERALLY SPONSORED          “Not Applicable”**

**REFERENCE TO A MICROFICHE APPENDIX                  “Not Applicable”**

**BACKGROUND OF THE INVENTION**

This invention relates to improving the traditional fish hook to make the said fish hook attractive to fish through the generation of an enhanced electromagnetic field and to a lure body of similar construction.

This invention improves upon the traditional inanimate fish hook and simplifies the complex apparatus of traditional electromagnetic generating fishing lures such as described in the patent US5175950.

**SUMMARY OF THE INVENTION**

The invention consists of, in one embodiment, a conductive fish hook with a conductive winding which is both insulated from the said fish hook, and exposed to the water.

The invention consists of, in another embodiment, a fishing lure of similar characteristics.

Impure water (such as sea water) acts as an electrolyte to generate differential charges in the two dissimilar conductors (i.e. the fish hook and the winding). The two conductors generate an electromagnetic field which can be attractive to fish.

The power hook improvement can apply to all variety of conductive fish hooks, insulating layers, and conductive windings to be applied as appropriate, such as, but not limited to, multiple hooks on lures, single hooks for ‘force’ flies and dead baits, or to give live bait extra appeal.

## BRIEF DESCRIPTION OF THE DRAWING

FIG.1 is a perspective view of one example of a fish hook embodying the invention.

## DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG.1, it can be seen that the improved fish hook according to this invention comprises a metallic and/or conductive fishing hook (1), an insulating layer (2), and a conductive winding (3). The hook becomes further powered when immersed in impure water.

It will be realized that the improvements according to this invention are not restricted to the simplified example as shown in FIG.1. This simplified example can be adapted to a variety of materials and mode of manufacture to suit angling style or desired field generation, such as , but not limited to, the hook's (1) composition or inherent magnetism, the insulation layer's (2) design or dimension as to affect flotation or permeability, or the conductive winding's (3) modification to vary weight or the type or intensity of field generated, as in multiple windings or rotating coils to generate complex fields.

In another embodiment of the invention the invention is a fishing lure wherein the fish hook (1) can be substituted with a conductive core with means to attach a fish hook of preferred selection.

## CLAIMS

I claim that the Fishing hooks and lures consists of:

~~11. A fishing hook comprising a body composed of a metal which is exposed for contact with water, a winding of metal, said winding having a central opening with said body being within the central opening such that the winding extends around the body, the metal of said winding being exposed for contact with water, and an insulating layer between the winding and the body to electrically insulate the winding from direct contact with the body, wherein the winding and the body are of dissimilar metals such that immersion of the hook in water results in the generation of a fish-attracting electromagnetic field as a result of electrolytic action between the two metals.~~

12. A fishing hook according to claim 11 wherein the body comprises a rectilinear part having at one end means for attachment of a line and at the other end a hook, wherein the winding is applied to the rectilinear part of the body.

~~13. A fishing lure comprising a body composed of a metal which is exposed for contact with water, a winding of metal, said winding having a central opening with said body being within the central opening such that the winding extends around the body, the metal of said winding being exposed for contact with water, and an insulating layer between the winding and the body to electrically insulate the winding from direct contact with the body, wherein the winding and the body are of dissimilar metals such that immersion of the lure in water results in the generation of a fish-attracting electromagnetic field as a result of electrolytic action between the two metals.~~

14. A fishing hook comprising a body composed of a metal which is exposed for contact with water, a winding of metal, said winding having a central opening with said body being within the central opening such that the winding extends around the body, the metal of said winding being exposed for contact with water, and an insulating layer between the winding and the body to insulate the winding from direct contact with the body, wherein the winding and the body are of dissimilar metals such that immersion of the hook in water results in the generation of a fish-attracting electromagnetic field as a result of electrolytic action between the two metals.

15. A fishing hook according to claim 14 wherein the body comprises a rectilinear part having at one end means for attachment of a line and at the other end a hook, wherein the winding is applied to the rectilinear part of the body.